

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Attorney Docket Q61789

Wim VANDERBAUWHEDE, et al.

Appln. No.:

Group Art Unit:

Filed: December 05, 2000

Examiner:

For: METHOD AND DEVICE FOR ECHO CANCELLING

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

**IN THE SPECIFICATION:**

Page 1, after the title, insert the heading --Background of the Invention--.

after line 25, insert the heading --Summary of the Invention--.

Page 3, after line 4, insert the heading --Brief Description of the Drawings--.

after line 15, insert the heading --Detailed Description of the Invention--.

**IN THE CLAIMS:**

4. (Amended) Method according to [claims 2 and] claim 3, characterised in that a scaling factor (k) is used for adapting said tunable passive elements, and further characterised in that said hybrid (5) comprises a hybrid bridge (13) with two branches (19), each comprising two tunable passive impedances ( $Z_2$  and  $Z_b$ ) in series, one of which being a tunable balance impedance ( $Z_b$ ), said tunable passive impedances being tuned such that the value of said tunable balance impedance ( $Z_b$ ) approximates as close as possible the scaled impedance value of the parallel circuit of the line termination resistance ( $2R_t/2n^2$ ) in the TX paths, and the line impedance ( $Z_{tr+li}$ ).

**IN THE ABSTRACT:**

After the heading "Abstract" delete the title.

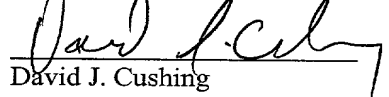
AMENDMENT

U.S. Appln. No. [Attorney Docket No. Q61789]

REMARKS

Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,



David J. Cushing

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